From: **Dave Dickerson** Rigassio-Smith, Anita To:

Subject: RE: Draft Alternative #4 2-Cell at \$80M/YR

06/04/2009 04:08 PM Date: For Follow Up: Normal Priority.

Attachments: Vol & Disp Assump_Apex Alt 1_2Cellrev3.xls

Interesting, you can tell I only skimmed the table.

Has anyone checked the assumption that all 225k cy of bottom of UHCC material can be used to cap the LHCC? I suppose if the LHCC can NOT accept this much volume as a cap, we could use the bottom of UHCC material for "mudflat restoration/capping after dredging" in the UH.

thanks - Dave

▼ "Rigassio-Smith, Anita" < Anita.Rigassio-Smith@jacobs.com>

"Rigassio-Smith, Anita" <Anita.Rigassio-

To Dave Dickerson/R1/USEPA/US@EPA Smith@jacobs.com>

CC

Subject RE: Draft Alternative #4 2-Cell at \$80M/YR

06/04/2009 03:40 PM

Hi Dave,

Because we are using the glaciofluvial material from the UHCC to cap the LHCC the removal effort is included in the capping of LHCC task. For the LHCC cap task we assumed hydraulically dredging the material from the UHCC and depositing it as a cap over the LHCC. I put a description near the top page 3.

I am attaching the spreadsheet that shows the distribution of various materials. The UHCC organics are 51,429 cy because the capacity of the UHCC needs to be only 225,252 cy.

Anita

----Original Message----

From: dickerson.dave@epamail.epa.gov [mailto:dickerson.dave@epamail.epa.gov] Sent: Thursday, June 04, 2009 2:56 PM To: Rigassio-Smith, Anita

Subject: Re: Draft Alternative #4 2-Cell at \$80M/YR

thanks Anita - I look forward to reviewing this. One thing that out at me initially though is that I don't see removal of the UHCC except for the 51,429 cy of organics...did I miss something??

Dave

"Rigassio-

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Anita"

<Anita.Rigassio-

To

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Draft Alternative #4 2-Cell

Please find attached the draft cost estimate for Alternative #4 2-CAD-Cell scenario at \$80M/year. Comments on the previous hybrid and T&D cost estimates have been incorporated into this cost estimate, as applicable, which have not yet been reflected in the hybrid and T&D estimates. Therefore, the three scenarios are similar but not entirely comparable at this stage. The three cost estimates will be revised with consistent assumptions for the ESD. Please let us know if you need revised cost estimates prior to the ESD estimates.

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Transmittal.pdf" deleted by Dave Dickerson/R1/USEPA/US] [attachment "Alt

4 Two Cell 80M Draft.pdf" deleted by Dave Dickerson/R1/USEPA/US]

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Vol & Disp Assump_Apex Alt 1_2Cellrev3.xls